PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent And U.S. DEPARTMENT OF COMMERCE

U.S. Patent And U.S. DEPARTMENT OF COMMERCE

U.S. DEPARTMENT OF COME UTILITY First Inventor Starter Generator For Internal Comb. PATENT APPLICATION TRANSMITTAL Assistant Commissioner for Patents Express Mail Label No. (Only for new nonprovisional applications under 37 CFR 1.53(b)) Box Patent Application ADDRESS TO: Washington, DC 20231 CD-ROM or CD-R in duplicate, large table or APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission Fee Transmittal Form (e.g., PTO/SB/17) (if applicable, all necessary) (Submit an original and a duplicate for fee processing) Computer Readable Form (CRF) Applicant claims small entity status. Specification Sequence Listing on: CD-ROM or CD-R (2 copies); or See 37 CFR 1.27. [Total Pages (preferred arrangement set forth below) - Descriptive title of the invention 3. X Statements verifying identity of above copies - Cross Reference to Related Applications ii. 🛘 - Statement Regarding Fed sponsored R & D ACCOMPANYING APPLICATION PARTS - Reference to sequence listing, a table, Assignment Papers (cover sheet & document(s)) or a computer program listing appendix - Background of the Invention 37 CFR 3.73(b) Statement - Brief Summary of the Invention Attorney - Brief Description of the Drawings (if filed) 9. X (when there is an assignee) English Translation Document (if applicable) Copies of IDS - Detailed Description 10. X Citations Information Disclosure - Abstract of the Disclosure - Claim(s) 11. Statement (IDS)/PTO-1449 [Total Sheets 12. X Preliminary Amendment Drawing(s) (35 U.S.C. 113) Return Receipt Postcard (MPEP 503) [Total Pages 4. X (Should be specifically itemized) 13. Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed) Certified Copy of Priority Document(s)
(if foreign priority is claimed) 5. Oath or Declaration 14. X Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 15. X DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR or its equivalent. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, Prior application information:

Examiner

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application and is hereby incorporated by reference.

Roy 5h is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. or in an Application Data Sheet under 37 CFR 1.76: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under about the accompanying continuation or divisional application and is hereby incorporated by reference. Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application parts. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporation. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. Customer Number or Bar Code Label X PATENT TRADEMARK OFFICE Zip Code Name State Fax Telephone Registration No. (Attorney/Agent) 20677 Address City July 16, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time vou are required to complete this form should be sent to the Chief Information Officer. U.S. Patent and Trademark Office. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, Do Not Send Fees or Complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, Do Not Send Fees or Complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, Do Not Send Fees or Complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, Do Not Send Fees or Complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, Do Not Send Fees or Complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, Do Not Send Fees or Complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, Do Not Send Fees or Complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, Do Not Send Fees or Complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, Do Not Send Fees or Complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, Do Not Send Fees or Complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Officer, U.S. Patent and Tradem

Wishington, DC 20231.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL				Complete if Known						
FEE IRANSIVIII AL				Application Number						
for FY 2003 Effective 01/01/2003. Patent fees are subject to annual revision.				Filing Date			July 16, 2003			
				First Named Inventor			Masanori Nakagawa et ai.			
		Examiner Name			· ·					
Applicant claims small entity status. S		Art Unit				·				
TOTAL AMOUNT OF PAYMENT (\$) 790.00			Attorney Docket No.			lo.	35905			
METHOD OF PAYMENT (check	FEE CALCULATION (continued)									
Check Credit card Money Other None			3. ADDITIONAL FEES							
Deposit Account:			Large Entity Small Entity							
Denosit				Fee Code	Fee /\$)		Fee Description			
Account 16-0820 Number		1051	130	2051	• •	Surch	arge - late filing fee or oath	Fee Paid		
Deposit Account Pearne & Gordon LLP		1052	50 :	2052	25	Surch	arge - late provisional filing fee or			
Name			130	1053			sheet inglish specification			
The Director is authorized to: (check all that ap Charge fee(s) indicated below Cred	<i>iply)</i> it any overpayments ∃		2,520				ng a request for ex parte reexamination			
Charge any additional fee(s) during the pende		1804	920*	1804	920*	Reque	esting publication of SIR prior to			
Charge fee(s) indicated below, except for the filing fee			1,840*	1805			ner action esting publication of SIR after			
to the above-identified deposit account.						Exam	iner action			
FEE CALCULATION			110	2251			sion for reply within first month			
1. BASIC FILING FEE		1252	410	2252			sion for reply within second month			
Large Entity Small Entity Fee Fee Fee Fee Description	Fee Paid	1253	930 1,450	2253			sion for reply within third month			
Code (\$)	, , , , , , ,			2254.			sion for reply within fourth month	12 8		
1001 750 2001 375 Utility filing fee	750		1,970	2255			sion for reply within fifth month			
1002 330 2002 165 Design filing fee		1401	320	2401			e of Appeal			
1003 520 2003 260 Plant filing fee 1004 750 2004 375 Reissue filing fee		1402	320: 280	2402 2403			a brief in support of an appeal est for oral hearing			
1004 750 2004 375 Reissue filing fee 1005 160 2005 80 Provisional filing			1,510	1451						
	:	1452	110	2452			n to institute a public use proceeding note or note of the note of			
	(\$) 750.00	-	1,300	2453			on to revive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY	AND REISSUE	,	1,300	2501			issue fee (or reissue)	- W		
Ext <u>ra Claim</u> s	below Fee Paid	1502	470	2502			n issue fee	1 8		
Total Claims 4 -20** = 0 X 0		1503	630	2503			issue fee			
Claims 3 - 3** = 3 X 10 Multiple Dependent		1460	130	1460	130	Petitio	ons to the Commissioner			
<u> </u>	=10	1807	50	1807	50	Proce	ssing fee under 37 CFR 1.17(q)			
Large Entity Small Entity Fee Fee Fee Fee Descripti	ion	1806	180	1806	180	Submi	ssion of Information Disclosure Strnt			
Code (\$)	:	8021	40	8021	40	Recor	ding each patent assignment per ty (times number of properties)	49.00		
1202 18 2202 9 Claims in excess 1201 84 2201 42 Independent dai	s of 20 ms in excess of 3	1809	750	2809	375	Filing	a submission after final rejection			
	ent claim, if not paid	1810	750	2040		•	FR 1.129(a))			
1204 84 2204 42 ** Reissue indep	•	1010	750	2810			nch additional invention to be ned (37 CFR 1.129(b))			
over original p	atent	1801	750	2801	375	Requ	est for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claim	s in excess of 20	1802	900	1802	900	Pegi	est for expedited examination			

SUBMITTED BY				(Complete (if applicable)	
Name (Print/Type)	Thomas P. Schiller	Registration No. (Attorney/Agent)	20677	Telephone 216-579-1700	
Signature	Thomas Mickello.			Date 07/16/2003	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

of a design application

SUBTOTAL (3)

(\$) 40.00

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

and over original patent

SUBTOTAL (2)

**or number previously paid, if greater, For Reissues, see above